

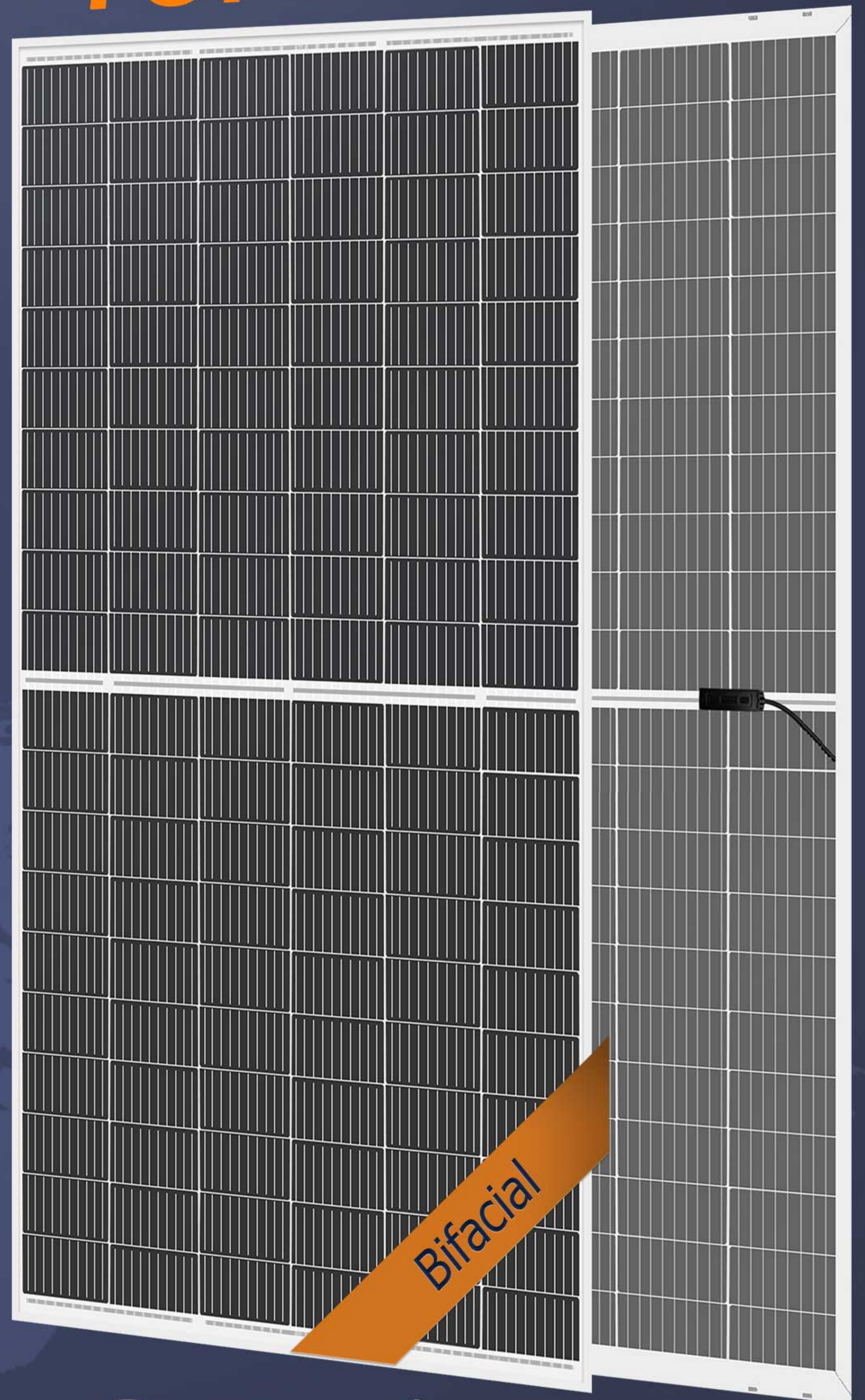
CLASSIC™



ECO-625-635M-60UHC-DGBF (TOPCON)

BIFACIAL SOLAR MODULE G12 210mm

TOPCON



30 YEARS

PRODUCT MATERIAL &
WORKMANSHIP

30 YEARS 87.4%

LINEAR PERFORMANCE

WARRANTY

INNOVATIONAL

SMBB AND
HALF-CUT CELLS
TECHNOLOGY

REDUCE

INTERNAL LOSS
REDUCE
SHADOW LOSS

N TYPE

TOPCON CELL
TECHNOLOGY
EXCELLENT CELL

EFFICIENCY AND OUTPUT

PASSED THREE

TIMES IEC

STANDARD TEST

ADVANCED

BIFACIAL
EFFICIENCY

ECO DELTA Mono TOPCON (210) Half-cut Cell Double-glass-bifacial PV Module



ECO-625-635M-60UHC-DGBF(TOPCON)

ELECTRICAL DATA @ STC		ECO-625M-60 UHC-DGBF	ECO-630M-60 UHC-DGBF	ECO-635M-60 UHC-DGBF
Peak Power(Pmax)	(W)	625	630	635
Maximum Power Voltage (Vmp)	(V)	35.31	35.51	35.71
Maximum Power Current(Imp)	(A)	17.70	17.74	17.78
Open-circuit Voltage (Voc)	(V)	42.54	42.73	42.92
Short-circuit Current(Isc)	(A)	18.77	18.82	18.87
Module Efficiency	(%)	21.89	22.21	22.53
Operating Temperature		-40°C~+85°C		
Maximum System Voltage		□1500V		
Maximum Series Fuse Rating		30A		
Mechanical Test Load		Front 5400Pa Rear 2400Pa		

*STC (Standard Test Condition): Irradiance 1000W/ m², Module Temperature 25°C, AM 1.5

ELECTRICAL DATA @ NMOT		ECO-625M-60 UHC-DGBF	ECO-630M-60 UHC-DGBF	ECO-635M-60 UHC-DGBF
Peak Power(Pmax)	(W)	472	476	479
MPP Voltage (Vmp)	(V)	33.15	33.36	33.50
MPP Current(Imp)	(A)	14.24	14.27	14.30
Open Circuit Voltage (Voc)	(V)	40.56	40.75	40.94
Short Circuit Current(Isc)	(A)	15.11	15.15	15.19

*Under Nominal Module Operating Temperature (NMOT), Irradiance of 800W/ m², Spectrum AM 1.5, Ambient Temperature 20°C, Wind Speed 1m/s

TEMPERATURE CHARACTERISTICS

Temperature coefficient of Pmax	-0.30%/k
Temperature coefficient of Voc	-0.25%/k
Temperature coefficient of Isc	0.04%/k
NMOT	43±2°C

MECHANICAL DATA

Cell Type	Mono-Crystalline, 210*105mm
Cell Arrangement	120pcs (2(6*10))
Dimension (L*W*H)	2172 x 1303 x 35mm
Weight	35kg
Front Cover	2.0mm high transmittance, AR coated heat strengthened glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable Type	4mm ²
Length of Cable	1400mm
Connector	Compatible with MC4 PV Connector

OPTIONAL

Frame	<input type="checkbox"/> Black <input type="checkbox"/> Silvery
Backsheet	2.0mm high transmittance, heat strengthened glass
Connector	<input type="checkbox"/> Original MC4
Cable	<input type="checkbox"/> Customized
Module Size	<input type="checkbox"/> Customized

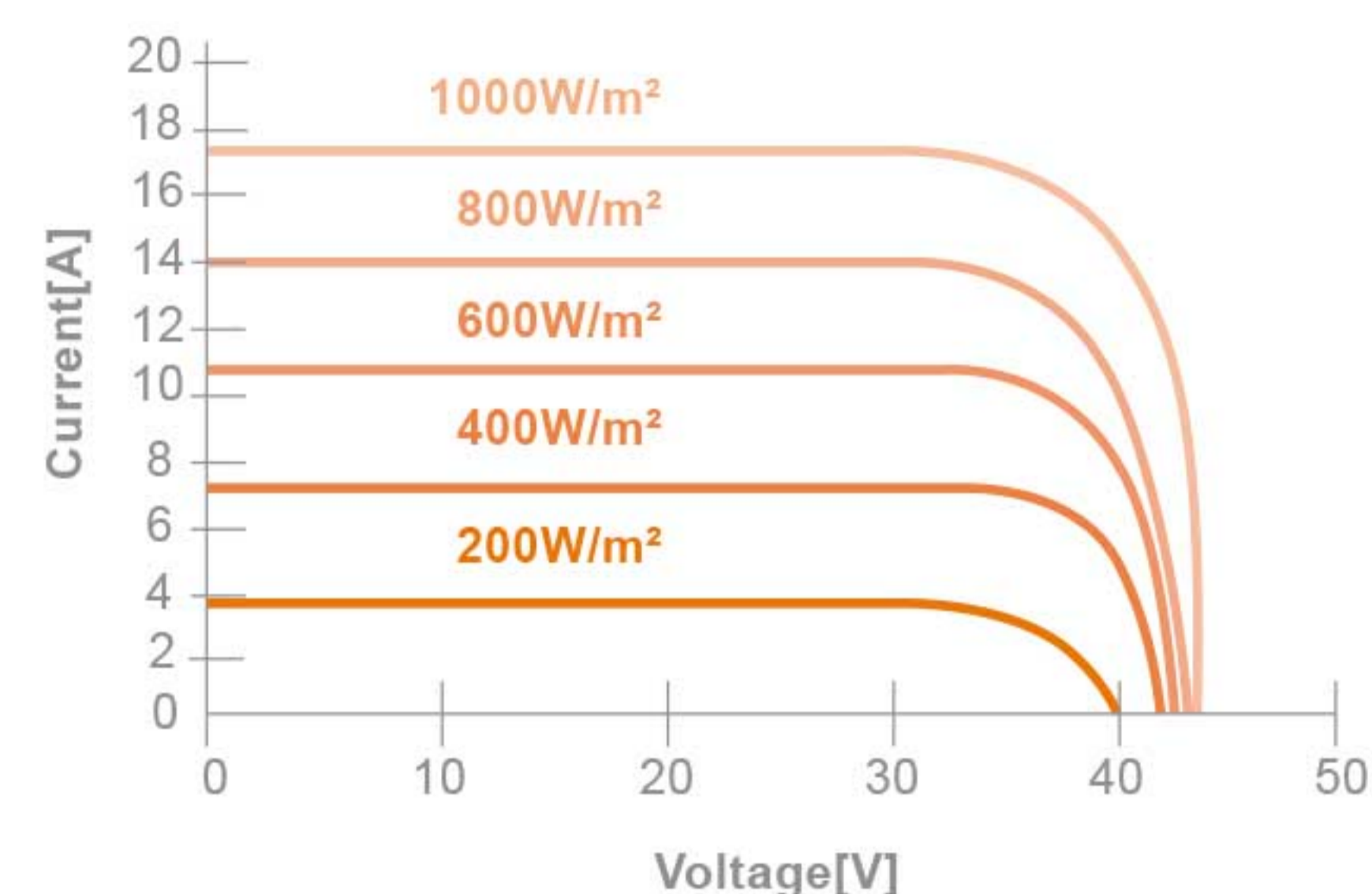
PACKING MANNER

Packing Type	40'HQ
Piece/Pallet	31
Piece/Container	558

*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, ECO DELTA POWER CO., LTD Reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

Current-Voltage Curve under different irradiance

Cell Temperature: 25°C



Current-Voltage Curve under different working temperatures

AM1.5 1000W/m²

